

WHAT IS CLAIMED IS:

1. An air conditioner control system that uses a telephone network to control a plurality of air conditioners which are configured to transmit and receive signals over the telephone network, said control system comprising:

a remote electronic device having a control program configured to receive profile information for each of the plurality of air conditioners, register the received profile information and transmit control commands to designated ones of the air conditioners over the telephone network on the basis of the registered profile information.

2. The air conditioner control system as set forth in claim 1, wherein the profile information includes a unique identifier for each of the air conditioners.

3. The air conditioner control system as set forth in claim 1, wherein said control program includes:

a port setup module that sets up a port for connection to the telephone network to communicate with the air conditioners over the telephone network; and

a registration module that registers the profile information for the air conditioners, whereby the profile information for each of the air conditioners includes a telephone number associated with the air conditioner and a unique ID assigned to the air conditioner.

4. The air conditioner control system as set forth in claim 3, wherein the profile

information for each of the air conditioners further includes information regarding the location of the air conditioner and other information.

5. The air conditioner control system as set forth in claim 3, wherein said control program further includes a data packet creator that generates a control command data packet based on a control command input by a user.

6. The air conditioner control system as set forth in claim 5, wherein said remote electronic device includes a data packet transmitter that automatically transmits the control command data packet generated by said data packet creator over the telephone network to a telephone number associated with one of the air conditioners designated by the input control command.

7. The air conditioner control system as set forth in claim 1, wherein said control program includes a data packet creator that generates a control command data packet based on a control command input by a user.

8. A method of operating an air conditioner control system that uses a telephone network, comprising:

running an air conditioner control program in a remote electronic device to register profile information for a plurality of air conditioners;

selecting one of the air conditioners to be controlled and inputting a control command for the selected air conditioner into the electronic device; and

generating a control command data packet based on the input control

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command and the registered profile information for the selected air conditioner and automatically transmitting the generated data packet over the telephone network to a telephone number associated with the selected air conditioner.

9. The method as set forth in claim 8, wherein a registration request message is displayed by the control program if profile information for the selected air conditioner has not yet been registered.,

10. The method as set forth in claim 8, further comprising determining whether a port for transmission over the telephone network is in an open condition prior to transmitting the generated data packet.